

GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.

OM protein - protein search, using sw model

Run on: September 4, 2002, 16:11:04 : Search time 99.82 Seconds
(Without alignments)
12.460 Million cell updates/sec

Title: US-09-052-089A-6

Perfect score: 293

Sequence: 1 LSLCTICSDPFHSDVAAL.....IQWFTAPSRCPQCRIOYG 51

Scoring table: BLOSUM62

Searched: Gapop 10.0, Gapext 0.5

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCTUS.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	293	100.0	51	US-09-052-089A-6	Sequence 6, Appl
2	293	100.0	470	US-09-052-089A-2	Sequence 2, Appl
3	286	97.6	469	US-08-968-751-2	Sequence 2, Appl
4	272	92.8	469	US-09-052-089A-1	Sequence 1, Appl
5	260	88.7	51	US-09-052-089A-5	Sequence 5, Appl
6	107	36.5	551	US-08-639-103B-25	Sequence 25, Appl
7	107	36.5	551	US-09-229-059-25	Sequence 25, Appl
8	95.5	32.6	50	US-09-052-089A-15	Sequence 15, Appl
9	95.5	32.6	381	US-08-867-057-1	Sequence 1, Appl
10	95.5	32.6	381	US-08-867-057-3	Sequence 3, Appl
11	95.5	32.6	381	US-09-128-369-1	Sequence 1, Appl
12	95.5	32.6	381	US-09-128-369-3	Sequence 3, Appl
13	93	31.7	180	US-08-786-606-3	Sequence 3, Appl
14	93	31.7	180	US-08-933-750C-48	Sequence 48, Appl
15	93	31.7	180	US-09-234-613-48	Sequence 48, Appl
16	92	31.4	284	US-08-786-606-9	Sequence 9, Appl
17	87	29.7	326	US-08-786-606-8	Sequence 8, Appl
18	86	29.4	46	US-08-691-814B-17	Sequence 17, Appl
19	85.5	29.2	40	US-09-046-894-44	Sequence 44, Appl
20	85	29.0	47	US-09-052-089A-12	Sequence 12, Appl
21	85	29.0	276	US-08-786-606-5	Sequence 5, Appl
22	84.5	28.8	450	US-08-818-514-6	Sequence 6, Appl
23	84.5	28.8	450	US-09-115-934A-6	Sequence 20, Appl
24	83.5	28.5	47	US-08-691-814B-20	Sequence 14, Appl
25	81.5	27.8	48	US-08-331-394-14	Sequence 14, Appl
26	81.5	27.8	48	US-08-250-858-14	Sequence 14, Appl
27	81.5	27.8	48	US-08-446-915-14	Sequence 14, Appl

28	81.5	27.8	48	2	US-08-744-139-14	Sequence 14, Appl
29	81.5	27.8	48	5	PCT-US95-06639-14	Sequence 14, Appl
30	77	26.3	395	1	US-08-841-349-9	Sequence 9, Appl
31	76	25.9	47	1	US-08-331-394-13	Sequence 13, Appl
32	76	25.9	47	1	US-08-250-858-13	Sequence 13, Appl
33	76	25.9	47	1	US-08-446-915-13	Sequence 13, Appl
34	76	25.9	47	2	US-08-744-139-13	Sequence 13, Appl
35	76	25.9	47	5	PCT-US95-06639-13	Sequence 13, Appl
36	76	25.9	67	1	US-07-945-283-5	Sequence 5, Appl
37	76	25.9	664	4	US-09-268-140-2	Sequence 2, Appl
38	74	25.3	42	1	US-08-480-784-85	Sequence 85, Appl
39	74	25.3	42	1	US-08-483-553-85	Sequence 85, Appl
40	74	25.3	42	1	US-08-487-002-85	Sequence 85, Appl
41	74	25.3	42	1	US-08-483-554B-85	Sequence 85, Appl
42	74	25.3	42	1	US-08-488-011B-85	Sequence 85, Appl
43	74	25.3	42	4	US-08-850-727-85	Sequence 85, Appl
44	74	25.3	42	5	PCT-US95-10202-85	Sequence 85, Appl
45	74	25.3	42	5	PCT-US95-10203-85	Sequence 85, Appl

ALIGNMENTS

RESULT 1
US-09-052-089A-6
: Sequence 6, Application US/09052089A
: Patent No. 6346605
: GENERAL INFORMATION:
: APPLICANT: Lee, Soo Y.
: TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TMR RECEPTOR SUPER
: FAMILY, AND USBS THEREOF
: NUMBER OF SEQUENCES: 16
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: David A. Jackson, Esq.
: STREET: 411 Hackensack Ave, Continental Plaza, 4th
: Floor
: CITY: Hackensack
: STATE: New Jersey
: COUNTRY: USA
: ZIP: 07601
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/052,089A
: FILING DATE: 31-Mar-1998
: CLASSIFICATION: <Unknown>
: ATTORNEY/AGENT INFORMATION:
: NAME: Jackson Esq., David A.
: REGISTRATION NUMBER: 26,742
: REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 201-487-5800
: TELEFAX: 201-343-1684
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 51 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: HYPOTHEetical: NO
: FRAGMENT TYPE: Internal
: ORIGINAL SOURCE:
: ORGANISM: mouse
: SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-052-089A-6
Query Match 100.0%; Score 293; DB 4; Length 51;

```

Best Local Similarity 100.0%; Pred. No. 8 2e-31;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LSLCTICSDFPDHSRDVAAIHCGHTFHLLQCLIQWETAPSRPCQCRIDVG 51
    |||||
Db 1 LSLCTICSDFPDHSRDVAAIHCGHTFHLLQCLIQWETAPSRPCQCRIDVG 51

```

RESULT 2
US-09-052-089A-2
; Sequence 2, Application US/09052089A
; Patent US 7,611,400

1 TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
2 FAMILY, AND USES THEREOF
3
4 NUMBER OF SEQUENCES: 16
5
6 CORRESPONDENCE ADDRESS:
7 ADDRESSEE: David A. Jackson, Esq.
8 STREET: 411 Hackensack Ave, Continental Plaza, 4th
9 Floor
10

```

: CITY: Hackensack
: STATE: New Jersey
: COUNTRY: USA
: ZIP: 07601
:
: COMPUTER READABLE FORM:

```

```

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1022
1023
1024
1025
1026
1027
1028
1029
1030
1031
1032
1033
1034
1035
1036
1037
1038
1039
1040

```

1 FILING DATE: 31-Mar-1998
2 CLASSIFICATION: <Unknown>
3 ATTORNEY/AGENT INFORMATION:
4 NAME: Jackson Esq., David A.
5 REGISTRATION NUMBER: 26,742
6 REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
7 TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

```
; LENGTH: 470 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single
```

```

; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; PROSEQUENCE EVENT: N-terminal

```

```

; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; ORGANISM: mouse

```

```

; ORGANISM: mouse
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-052-089A-2

```

Query Match	100.0%	Score 293;	DB 4;	Length 470;
Best Local Similarity	100.0%	Pred. No. 9	9e-30;	
Matches 51; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0

QY 1 LSLCTICSDFFDHSRDVAAIHCGHTFHLQCLIQWETAPSRTCPCQCRIQVG 51
 |||||
Db 4 LSLCTICSDFFDHSRDVAAIHCGHTFHLQCLIQWETAPSRTCPCQCRIQVG 54

RESULT 3
US-08-968-751-2
; Sequence 2, Application US/Q89668751
Reference: F06043

```

; GENERAL INFORMATION:
; APPLICANT: Rubinfeld, Bonnie
; APPLICANT: Polakis, Paul G.

```

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32
 33
 34
 35
 36
 37
 38
 39
 40
 41
 42
 43
 44
 45
 46
 47
 48
 49
 50
 51
 52
 53
 54
 55
 56
 57
 58
 59
 60
 61
 62
 63
 64
 65
 66
 67
 68
 69
 70
 71
 72
 73
 74
 75
 76
 77
 78
 79
 80
 81
 82
 83
 84
 85
 86
 87
 88
 89
 90
 91
 92
 93
 94
 95
 96
 97
 98
 99
 100
 101
 102
 103
 104
 105
 106
 107
 108
 109
 110
 111
 112
 113
 114
 115
 116
 117
 118
 119
 120
 121
 122
 123
 124
 125
 126
 127
 128
 129
 130
 131
 132
 133
 134
 135
 136
 137
 138
 139
 140
 141
 142
 143
 144
 145
 146
 147
 148
 149
 150
 151
 152
 153
 154
 155
 156
 157
 158
 159
 160
 161
 162
 163
 164
 165
 166
 167
 168
 169
 170
 171
 172
 173
 174
 175
 176
 177
 178
 179
 180
 181
 182
 183
 184
 185
 186
 187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200
 201
 202
 203
 204
 205
 206
 207
 208
 209
 210
 211
 212
 213
 214
 215
 216
 217
 218
 219
 220
 221
 222
 223
 224
 225
 226
 227
 228
 229
 230
 231
 232
 233
 234
 235
 236
 237
 238
 239
 240
 241
 242
 243
 244
 245
 246
 247
 248
 249
 250
 251
 252
 253
 254
 255
 256
 257
 258
 259
 260
 261
 262
 263
 264
 265
 266
 267
 268
 269
 270
 271
 272
 273
 274
 275
 276
 277
 278
 279
 280
 281
 282
 283
 284
 285
 286
 287
 288
 289
 290
 291
 292
 293
 294
 295
 296
 297
 298
 299
 300
 301
 302
 303
 304
 305
 306
 307
 308
 309
 310
 311
 312
 313
 314
 315
 316
 317
 318
 319
 320
 321
 322
 323
 324
 325
 326
 327
 328
 329
 330
 331
 332
 333
 334
 335
 336
 337
 338
 339
 340
 341
 342
 343
 344
 345
 346
 347
 348
 349
 350
 351
 352
 353
 354
 355
 356
 357
 358
 359
 360
 361
 362
 363
 364
 365
 366
 367
 368
 369
 370
 371
 372
 373
 374
 375
 376
 377
 378
 379
 380
 381
 382
 383
 384
 385
 386
 387
 388
 389
 390
 391
 392
 393
 394
 395
 396
 397
 398
 399
 400
 401
 402
 403
 404
 405
 406
 407
 408
 409
 410
 411
 412
 413
 414
 415
 416
 417
 418
 419
 420
 421
 422
 423
 424
 425
 426
 427
 428
 429
 430
 431
 432
 433
 434
 435
 436
 437
 438
 439
 440
 441
 442
 443
 444
 445
 446
 447
 448
 449
 450
 451
 452
 453
 454
 455
 456
 457
 458
 459
 460
 461
 462
 463
 464
 465
 466
 467
 468
 469
 470
 471
 472
 473
 474
 475
 476
 477
 478
 479
 480
 481
 482
 483
 484
 485
 486
 487
 488
 489
 490
 491
 492
 493
 494
 495
 496
 497
 498
 499
 500
 501
 502
 503
 504
 505
 506
 507
 508
 509
 510
 511
 512
 513
 514
 515
 516
 517
 518
 519
 520
 521
 522
 523
 524
 525

STATE: CA
COUNTRY: USA
ZIP: 94806

```

1 SOFTWARE: PatentIn Release #1.0, Version #1.30
2
3 CURRENT APPLICATION DATA:
4 APPLICATION NUMBER: US/08/968,751
5 FILING DATE:
6 CLASSIFICATION: 435
7 ATTORNEY/AGENT INFORMATION:
8 NAME: Cicetta Corporation

```

```

;
; REGISTRATION NUMBER: 32.028
; REFERENCE/DOCKET NUMBER: ONYX1024 GG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 262-8710
; TELEFAX: (510) 222-9758
;

```

1	2
1	INFORMATION FOR SEQ ID NO:
2	SEQUENCE CHARACTERISTICS:
3	LENGTH: 469 amino acids
4	TYPE: amino acid
5	TOPOLOGY: linear
6	MOLECULE TYPE: protein

```

US-08-968-751-2
Query Match          97.6%:  Score 286;  DB 2;  Length 469;
Best Local Similarity 98.0%:  Pred. No. 7.7e-29;
Matches 49;  Conservative 1;  Mismatches 0;  Indels 0;  Gaps 0.

```

QY 2 SLCTICSDPFHSDVAALHCGHGFHILQCLIQMFETAPSTCQCRIQYG 5
:|||||
Db 5 ALCTICSDPFHSDVAALHCGHGFHILQCLIQMFETAPSTCQCRIQYG 5

RESULT 4
US-09-052-089A-1

; Sequence 1, Application
; Patent No. 6346605
; GENERAL INFORMATION:
;

APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: STAIN

TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNP RECEPTOR SUPER
 FAMILY, AND USES THEREOF
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:

STREET: 411 Hackensack Ave, Continental Plaza, 4th
FLOOR
CITY: Hackensack
COUNTY: Hudson

```

; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM
;

```

```
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:
```

```

; FILING DATE: 31-Mar-1998
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:

```

NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 469 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHEICAL: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-052-089a-1

Query Match 92.8%; Score 272; DB 4; Length 469;
Best Local Similarity 96.0%; Pred. No. 4.7e-27;
Matches 48; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

2 SLCTICSDPFDHSDVAIHGHTFHLQCLIQWETAPSRTPCPCRIQV 51
Db 5 ALCTICSDPFDHSDVAIHGHTFHLQCLIQWETAPSRTPCPCRIQV 54

RESULT 5
US-09-052-089a-5
Sequence 5, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEICAL: NO
FRAGMENT TYPE: internal

ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-052-089a-5

Query Match 88.7%; Score 260; DB 4; Length 51;
Best Local Similarity 92.0%; Pred. No. 1.3e-26;
Matches 46; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

2 SLCTICSDPFDHSDVAIHGHTFHLQCLIQWETAPSRTPCPCRIQV 51
Db 2 ALCTICSDPFDHSDVAIHGHTFHLQCLIQWETAPSRTPCPCRIQV 51

RESULT 6
US-08-699-103B-25
Sequence 25, Application US/08699103B
Patent No. 6107462
GENERAL INFORMATION:
APPLICANT: Rine, Jasper D.
Hampton, Randolph
TITLE OF INVENTION: GENES AND PROTEINS CONTROLLING
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/699,103B
FILING DATE: 16-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,581
FILING DATE: 17-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION NUMBER: 31,259
REFERENCE/DOCKET NUMBER: 09272/005001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/854-0875
TELEFAX: 650/854-0875
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 551 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: polypeptide
US-08-699-103B-25

Query Match 36.5%; Score 107; DB 3; Length 551;
Best Local Similarity 37.3%; Pred. No. 6.2e-06;
Matches 22; Conservative 6; Mismatches 19; Indels 12; Gaps 2;

2 SLCTICSDPFDHSDVAIHGHTFHLQCLIQWETAPSRTPCPCRIQV 50
Db 347 NICLICMDELHSPNQOTWKNKKPKRLPCGHILHLSCKNMWER--SOTCPICRLPV 403

RESULT 7
US-09-229-059-25
Sequence 25, Application US/09229059
Patent No. 633172
GENERAL INFORMATION:

APPLICANT: Rine, Jasper D.
APPLICANT: Hampton, Randolph
TITLE OF INVENTION: GENES AND PROTEINS CONTROLLING
TITLE OF INVENTION: CHOLESTEROL SYNTHESIS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTED for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/229,059
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/699,103
FILING DATE: 16-AUG-1996
APPLICATION NUMBER: 60/002,581
FILING DATE: 17-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION NUMBER: 31,259
REFERENCE/DOCKET NUMBER: 09272/005001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/322-5070
TELEFAX: 650/854-0875
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 551 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: polypeptide
US-09-229-059-25

Query Match 36.5%; Score 107; DB 4; Length 551;
Best Local Similarity 37.3%; Pred. No. 6.2e-06;
Matches 22; Conservative 6; Mismatches 19; Indels 12; Gaps 2;

QY 2 SLCTICSPFDRHS-----RDVAIHGCHTFHLOCLLOMFTAPSRICPCRCRIQV 50
Db 347 NICLICMDELHSPNOQTWKNKKPKRLPCGHILHLSCLNMNR--SOTCPICRLPV 403

RESULT 8
US-09-052-089A-15
Sequence 15, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: Internal
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-052-089A-15

Query Match 32.6%; Score 95.5; DB 4; Length 50;
Best Local Similarity 31.2%; Pred. No. 1.2e-05;
Matches 15; Conservative 11; Mismatches 21; Indels 1; Gaps 1;

QY 3 LCTICSPFDRHSRDVAIHGCHTFHLOCLLOMFTAPSRICPCRCRIQV 50
Db 3 VCAICLDEYEDGDKRLILPCSHAYCKCVPDWL-TKTKTCPCVCKQKV 49

RESULT 9
US-08-867-057-1
Sequence 1, Application US/08867057
Patent No. 5840535
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
TITLE OF INVENTION: NEW ZINC RING PROTEIN
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTED for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,057
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0311 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
TYPE: amino acid
STRANDEDNESS: single

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/128,369
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/867,057
FILING DATE: 06/02/1997
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0311 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: Genbank
CLONE: 1321818
US-09-128-369-3

Query Match 32.6%; Score 95.5; DB 2; Length 381;
Best Local Similarity 31.2%; Pred. No. 0.00012;
Matches 15; Conservative 11; Mismatches 21; Indels 1; Gaps 1;

OY 3 LCTICSPFDHSRDVAIAHCGHTFHLOCLIQWFTAPSR-TCPOCR 47
DB 239 VCAICDEYEDGDKRLILPCSHAVHCRCVDFWL-TKTKTCPCVCK 285

RESULT 13
US-08-786-606-3
Sequence 3, Application US/08786606
Patent No. 5861495
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Au-Young, Janice
APPLICANT: Coleman, Roger
APPLICANT: Golt, Surya K.
TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
PROTEINS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0173 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-786-606-3

Query Match 31.7%; Score 93; DB 2; Length 180;
Best Local Similarity 40.0%; Pred. No. 0.00011;
Matches 18; Conservative 5; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSPFDHSRDVAIAHCGHTFHLOCLIQWFTAPSR-TCPOCR 47
DB 27 CNIC---LETAREAVSVCGHLYCMPCQLHQLLTRPERQECPCVK 68

RESULT 14
US-08-933-750C-48
Sequence 48, Application US/08933750C
Patent No. 5932442
GENERAL INFORMATION:
APPLICANT: Lal, Preeti
APPLICANT: Hillman, Jennifer L.
APPLICANT: Bandman, Olga
APPLICANT: Shah, Puri V.
APPLICANT: Au-Young, Janice
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,750C
FILING DATE: September 23, 1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0356 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: TESTNOF07
CLONE: 3217567

US-08-933-750C-48

Query Match 31.7%; Score 93; DB 2; Length 180;
Best Local Similarity 40.0%; Pred. No. 0.00011;
Matches 18; Conservative 5; Mismatches 18; Indels 4; Gaps 2;

QY 4 CTICSDFFDHSRDVAIHCGHTFHLOCLIQMFETAPSR-TCPOCR 47
| | : : : | | : | | : | | : | | :
Db 27 CNIC---LETAREAVSVCGHLXCMPCCLHQMLETREPERQECPVCK 68

RESULT 15

US-09-234-613-48
; Sequence 48, Application US/09234613
; Patent No. 6132873
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Bandman, Olga
; APPLICANT: Shah, Purvi
; APPLICANT: Au-Young, Janice
; APPLICANT: Yue, Henry
; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
; TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/234,613
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/933,750
; FILING DATE: September 23, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PE-0356 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 180 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: TESTNOT07
; CLONE: 3217567
; US-09-234-613-48

Query Match 31.7%; Score 93; DB 4; Length 180;
Best Local Similarity 40.0%; Pred. No. 0.00011;
Matches 18; Conservative 5; Mismatches 18; Indels 4; Gaps 2;

QY 4 CTICSDFFDHSRDVAIHCGHTFHLOCLIQMFETAPSR-TCPOCR 47
| | : : : | | : | | : | | : | | :
Db 27 CNIC---LETAREAVSVCGHLXCMPCCLHQMLETREPERQECPVCK 68

RESULT 16

US-08-786-606-9
; Sequence 9, Application US/08786606
; Patent No. 5861495
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Au-Young, Janice
; APPLICANT: Coleman, Roger
; APPLICANT: Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
; PROTEINS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PE-0173 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 284 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 157535
US-08-786-606-9

Query Match 31.4%; Score 92; DB 2; Length 284;
Best Local Similarity 31.9%; Pred. No. 0.00024;
Matches 15; Conservative 8; Mismatches 22; Indels 2; Gaps 1;

QY 4 CTICSDFFDHSRDVAIHCGHTFHLOCLIQMFETAPSR-TCPOCR 47
| | : : : | | : | | : | | : | | :
Db 126 CAICIEAVKPTDITIRILPCKHEHKNCIDPWL-IEHRTCPMKIDV 170

RESULT 17

US-08-786-606-8
; Sequence 8, Application US/08786606
; Patent No. 5861495
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Au-Young, Janice
; APPLICANT: Coleman, Roger
; APPLICANT: Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
; PROTEINS

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/818,514
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 2446
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 450 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-818-514-6

Query Match 28.8%; Score 84.5; DB 2; Length 450;
Best Local Similarity 31.8%; Pred. No. 0.0037;
Matches 14; Conservative 8; Mismatches 19; Indels 3; Gaps 1;
QY 4 CTCSDFFDHSRDVAAIHCGHTFHLQCLIQMFTAPSRTPCQCR 47
DB 34 CHCCYDILVNP---TTLNCGSHFCRHLALMAWSSKKECPCCR 74

RESULT 23
US-09-115-934A-6
Sequence 6, Application US/09115934A
Patent No. 6130317
GENERAL INFORMATION:
APPLICANT: Reed, John C.
TITLE OF INVENTION: BAX Inhibitor Proteins
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/115,934A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/818,514
FILING DATE: 14-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 3209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 450 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-09-115-934A-6

Query Match 28.8%; Score 84.5; DB 4; Length 450;
Best Local Similarity 31.8%; Pred. No. 0.0037;
Matches 14; Conservative 8; Mismatches 19; Indels 3; Gaps 1;
QY 4 CTCSDFFDHSRDVAAIHCGHTFHLQCLIQMFTAPSRTPCQCR 47
DB 34 CHCCYDILVNP---TTLNCGSHFCRHLALMAWSSKKECPCCR 74

RESULT 24
US-08-691-814B-20
Sequence 20, Application US/08691814B
Patent No. 5981218
GENERAL INFORMATION:
APPLICANT: Rio, Marie-Christine
APPLICANT: Tomasello, Catherine
APPLICANT: Bassel, Paul
APPLICANT: Byrne, Jennifer
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave, NW, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/691,814B
FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,183
FILING DATE: 09-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1383.0090001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2543
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-691-814B-20

Query Match 28.5%; Score 83.5; DB 2; Length 47;
Best Local Similarity 34.1%; Pred. No. 0.00039;
Matches 15; Conservative 8; Mismatches 18; Indels 3; Gaps 1;

QY 4 CTCSDFFDHSRDVAAIHCGHTFHLQCLIQMFTAPSRTPCQCR 47
DB 4 CPLCEVLF--KDPVWVACGHNFCRCHIDKAMEGNSPACPCBR 44

RESULT 25
US-08-331-394-14
Sequence 14, Application US/08331394
Patent No. 5670319
GENERAL INFORMATION:

```

? APPLICANT: Goeddel, David V.
? APPLICANT: Rothe, Mike
? TITLE OF INVENTION: Tumor Necrosis Factor
? TITLE OF INVENTION: Receptor-Associated Factors
? NUMBER OF SEQUENCES: 66
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Genentech, Inc.
? STREET: 460 Point San Bruno Blvd
? CITY: South San Francisco
? STATE: California
? COUNTRY: USA
? ZIP: 94080
? COMPUTER READABLE FORM:
? MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: patin (Genentech)
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/331,394
? FILING DATE:
? CLASSIFICATION: 436
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 08/250858
? FILING DATE: 27-MAY-1994
? ATTORNEY/AGENT INFORMATION:
? NAME: Dregler, Ginger R.
? REGISTRATION NUMBER: 33,055
? REFERENCE/DOCKET NUMBER: 897P1
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 415/225-3216
? TELEFAX: 415/952-9881
? TELEX: 910/371-7168
? INFORMATION FOR SEQ ID NO: 14:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 48 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? US-08-331-394-14

Query Match 27.8%; Score 81.5; DB 1; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

Qy 3 LCTICSPDFHSDVAAIHGHTFHLCQLIQWFT--APSRTPCQCRQ 49
Db 3 LCKTICA---ENDKDVKTEPCGHLMTCSLTSMQSEGGSSGCPRCCE 48

RESULT 26
US-08-250-858-14
? Sequence 14, Application US/08250858
? Patent No. 5708142
? GENERAL INFORMATION:
? APPLICANT: Goeddel, David V.
? APPLICANT: Rothe, Mike
? TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
? NUMBER OF SEQUENCES: 62
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Genentech, Inc.
? STREET: 460 Point San Bruno Blvd
? CITY: South San Francisco
? STATE: California
? COUNTRY: USA
? ZIP: 94080
? COMPUTER READABLE FORM:
? MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: patin (Genentech)
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/250,858
? FILING DATE: 27-May-1994
```

```

? CLASSIFICATION: 435
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER:
? FILING DATE:
? ATTORNEY/AGENT INFORMATION:
? NAME: Dregler, Ginger R.
? REGISTRATION NUMBER: 33,055
? REFERENCE/DOCKET NUMBER: 897.1
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 415/225-3216
? TELEFAX: 415/952-9881
? TELEX: 910/371-7168
? INFORMATION FOR SEQ ID NO: 14:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 48 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? US-08-250-858-14

Query Match 27.8%; Score 81.5; DB 1; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

Qy 3 LCTICSPDFHSDVAAIHGHTFHLCQLIQWFT--APSRTPCQCRQ 49
Db 3 LCKTICA---ENDKDVKTEPCGHLMTCSLTSMQSEGGSSGCPRCCE 48

RESULT 27
US-08-446-915-14
? Sequence 14, Application US/08446915
? Patent No. 5741667
? GENERAL INFORMATION:
? APPLICANT: Goeddel, David V.
? APPLICANT: Rothe, Mike
? TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
? NUMBER OF SEQUENCES: 66
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Genentech, Inc.
? STREET: 460 Point San Bruno Blvd
? CITY: South San Francisco
? STATE: California
? COUNTRY: USA
? ZIP: 94080
? COMPUTER READABLE FORM:
? MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: patin (Genentech)
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/446,915
? FILING DATE:
? CLASSIFICATION: 435
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 08/250858
? FILING DATE: 27-MAY-1994
? PRIOR APPLICATION NUMBER: 08/331394
? FILING DATE: 28-OCT-1994
? ATTORNEY/AGENT INFORMATION:
? NAME: Dregler, Ginger R.
? REGISTRATION NUMBER: 33,055
? REFERENCE/DOCKET NUMBER: 897P2
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 415/225-3216
? TELEFAX: 415/952-9881
? TELEX: 910/371-7168
? INFORMATION FOR SEQ ID NO: 14:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 48 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
```

US-08-446-915-14

Query Match 27.8%; Score 81.5; DB 1; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

OY 3 LCTICSDFFDHSRDVAALHCGHTFHLOCLIQWFET--APSRTPCQCRIO 49
DB 3 LCKICA---ENDKDKVKIEPCGHLMCTSLTSMQSEGGSSGCPRCRCE 48

RESULT 28

US-08-744-139-14
Sequence 14, Application US/08744139
Patent No. 5869612

GENERAL INFORMATION:

APPLICANT: Goeddel, David V

TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR-ASSOCIATED FACTORS

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 Inch, 1.44 Mb floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/744,139

FILING DATE: 31-Oct-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250858

FILING DATE: 05/27/1994

ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Ginger R.

REGISTRATION NUMBER: 33,055

REFERENCE/DOCKET NUMBER: P0897C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-3216

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 48 amino acids

TYPE: Amino acid

TOPOLOGY: Linear

US-08-744-139-14

Query Match 27.8%; Score 81.5; DB 2; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

OY 3 LCTICSDFFDHSRDVAALHCGHTFHLOCLIQWFET--APSRTPCQCRIO 49
DB 3 LCKICA---ENDKDKVKIEPCGHLMCTSLTSMQSEGGSSGCPRCRCE 48

RESULT 29

PCT-US95-06639-14
Sequence 14, Application PC/TUS9506639
GENERAL INFORMATION:

APPLICANT: Genentech, Inc.

TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors

NUMBER OF SEQUENCES: 66

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 Inch, 1.44 Mb disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/06639

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250858

FILING DATE: 27-MAY-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/331394

FILING DATE: 28-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Ginger R.

REGISTRATION NUMBER: 33,055

REFERENCE/DOCKET NUMBER: 897P2PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-3216

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 48 amino acids

TYPE: amino acid

TOPOLOGY: linear

PCT-US95-06639-14

Query Match 27.8%; Score 81.5; DB 5; Length 48;
Best Local Similarity 36.7%; Pred. No. 0.00072;
Matches 18; Conservative 6; Mismatches 20; Indels 5; Gaps 2;

OY 3 LCTICSDFFDHSRDVAALHCGHTFHLOCLIQWFET--APSRTPCQCRIO 49
DB 3 LCKICA---ENDKDKVKIEPCGHLMCTSLTSMQSEGGSSGCPRCRCE 48

RESULT 30

US-08-841-349-9

Sequence 9, Application US/08841349B

Patent No. 5953594

GENERAL INFORMATION:

APPLICANT: MISHRA, LOPA

TITLE OF INVENTION: GENES CODING PROTEINS FOR EARLY LIVER DEVELOPMENT.

FILE REFERENCE: XX/PO4470USO

CURRENT APPLICATION NUMBER: US/08/841,349B

CURRENT FILING DATE: 1997-04-30

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 9

LENGTH: 395

TYPE: PRT

ORGANISM: Mus musculus

US-08-841-349-9

Query Match 26.3%; Score 77; DB 2; Length 395;
Best Local Similarity 34.1%; Pred. No. 0.029;
Matches 15; Conservative 4; Mismatches 23; Indels 2; Gaps 1;

OY 4 CTICSDFFDHSRDVAALHCGHTFHLOCLIQWFETAPSRTPCQCR 47
DB 347 CPICSEYVKGAVATELPCHYFHKKPCVSIWLO--KSGTGPVCR 388

TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 47 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-446-915-13

Query Match 25.9%; Score 76; DB 1; Length 47;
Best Local Similarity 33.3%; Pred. No. 0.0035;
Matches 15; Conservative 8; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDFFHSDVAALHCGHTFHLOCLIQWETAPSR-TCPOCR 47
DB 4 CPVCLQYF---AEPMLDCGHNICACIARCWGTAFETNVSCPOCR 45

RESULT 34
US-08-744-139-13
; Sequence 13, Application US/08744139
; Patent No. 5869612
; GENERAL INFORMATION:
; APPLICANT: Goeddel, David V
; APPLICANT: Rothe, Mike
; TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR-ASSOCIATED FACTORS
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,139
; FILING DATE: 31-Oct-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 05/27/1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dregler, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: P0897C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 47 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-744-139-13

Query Match 25.9%; Score 76; DB 2; Length 47;
Best Local Similarity 33.3%; Pred. No. 0.0035;
Matches 15; Conservative 8; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDFFHSDVAALHCGHTFHLOCLIQWETAPSR-TCPOCR 47
DB 4 CPVCLQYF---AEPMLDCGHNICACIARCWGTAFETNVSCPOCR 45

RESULT 35
PCT-US95-06639-13

; Sequence 13, Application PC/TUS9506639
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 27-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/331394
; FILING DATE: 28-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dregler, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 47 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
PCT-US95-06639-13

Query Match 25.9%; Score 76; DB 5; Length 47;
Best Local Similarity 33.3%; Pred. No. 0.0035;
Matches 15; Conservative 8; Mismatches 18; Indels 4; Gaps 2;

OY 4 CTICSDFFHSDVAALHCGHTFHLOCLIQWETAPSR-TCPOCR 47
DB 4 CPVCLQYF---AEPMLDCGHNICACIARCWGTAFETNVSCPOCR 45

RESULT 36
US-07-945-283-5
; Sequence 5, Application US/07945283
; Patent No. 5352596
; GENERAL INFORMATION:
; APPLICANT: Cheung, Andrew K.
; APPLICANT: Wesley, Ronald D.
; TITLE OF INVENTION: Pseudorabies Virus Deletion Mutants
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis P. Rihando
; STREET: 1815 No. 5352596th University Street
; CITY: Peoria
; STATE: IL
; COUNTRY: USA
; ZIP: 61604
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/945.283
FILING DATE: 19920911
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Ribando, Curtis P
REGISTRATION NUMBER: 27976
TELECOMMUNICATION INFORMATION:
TELEPHONE: 309-685-4011 ext. 513
TELEFAX: 309-685-4128
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 67 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: Pseudorabies virus
US-07-945-283-5

Query Match 25.9%; Score 76; DB 1; Length 67;
Best Local Similarity 34.0%; Pred. No. 0.0053;
Matches 16; Conservative 7; Mismatches 20; Indels 4; Gaps 2;

OY 4 CTICSDPFDHSRDVAIHGHTFHLOCLIQWETAPSRTPCQCRIOV 50
| | | | : : | | | | : : | | | | : : | | | | : :
DB 6 CPICLDV--AATEAQTLPCHMKFCIDIORW--TITSTACPLCKARV 48

RESULT 37
US-09-268-140-2
Sequence 2, Application US/09268140
Patent No. 6268176
GENERAL INFORMATION:
APPLICANT: Gemmill, Robert M.
APPLICANT: Drabkin, Harry A.
TITLE OF INVENTION: TRC8, A GENE RELATED TO THE HEDGEHOG RECEPTOR, PATCHED
FILE REFERENCE: 93445-00004
CURRENT APPLICATION NUMBER: US/09/268.140
CURRENT FILING DATE: 2000-03-12
PRIOR APPLICATION NUMBER: US 60/077,723
PRIOR FILING DATE: 1998-03-12
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 2
LENGTH: 664
TYPE: PRT
ORGANISM: Homo sapiens
US-09-268-140-2

Query Match 25.9%; Score 76; DB 4; Length 664;
Best Local Similarity 35.4%; Pred. No. 0.069;
Matches 17; Conservative 4; Mismatches 23; Indels 4; Gaps 2;

OY 3 LCTICSDPFDHSRDVAIHGHTFHLOCLIQWETAPSRTPCQCRIOV 50
| | | | : : | | | | : : | | | | : : | | | | : :
DB 546 VOACVHETTSARITP--CNHYFHALCLRWLYI--QDTCMCQHQXV 589

RESULT 38
US-08-480-784-85
Sequence 85, Application US/08480784
Patent No. 5693473
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480.784
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
US-08-480-784-85

Query Match 25.3%; Score 74; DB 1; Length 42;
Best Local Similarity 31.1%; Pred. No. 0.0056;
Matches 14; Conservative 7; Mismatches 20; Indels 4; Gaps 2;

OY 4 CTICSDPFDHSRDVAIHGHTFHLOCLIQWETAPSRTPCQCR 47
| | | | : : | | | | : : | | | | : : | | | | : :
DB 1 CPVCLOLYF--AEPWMLDCGHNICACIARCWGTACTNVSQPCR 42

RESULT 39
US-08-483-553-85
Sequence 85, Application US/08483553
Patent No. 5709999
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.

THIS PAGE BLANK (USPTO).